



300-360 MHz Bandpass filters PF4-1A, PF10-1A

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PF4-1A



PF4-2A



PF10-1A



PF10-2A



Electrical specifications

| Model | PF4-1A | PF10-1A |
|---------------------------------|--------|-------------------|
| Operating frequency band, MHz | | 300-360 |
| Insertion loss (adjustable), dB | | 0,5-3 |
| Impedance, Ohm | | 50 |
| Attenuation | | see fig. |
| VSWR, not more than | | 1,2 |
| Input power, not more, W | | not more than 300 |
| Temperature range, °C | | from -30 to +60 |
| Cavity electrical length | | 1/4λ |

Mechanical specifications

| Model | PF4-1A | PF10-1A |
|------------------------|-------------|-------------|
| Diameter, mm (ins.) | 116 (4") | 257 (10") |
| Weight, kg | 1,3 | 2,4 |
| Connector | | N-female |
| Mount to 19-inch rack | | optional |
| Length/Width/Depth, mm | 400x110x110 | 400x255x255 |

Using PF10-1A filters in antenna section of radio stations and repeaters you will raise selectivity of their receivers, lower influence of out-of-band interference, escape effect of UHF blanking by nearby radio transmitters and desensitization, and eliminate intermodulation interference, also. Filters, installed in transmitters circuit, lower stray emission level and prevent intermodulation

products occurrence. Recommended to use if equipment is installed in locations with high density of transmitting devices.

Typical selectivity characteristics

